

Title (en)
METHOD AND DEVICE FOR QUALITY OF SERVICE REGULATION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR REGELUNG DER DIENSTGÜTE

Title (fr)
PROCÉDÉ ET DISPOSITIF DE RÉGULATION DE LA QUALITÉ DE SERVICE

Publication
EP 3701677 A1 20200902 (EN)

Application
EP 18799963 A 20181020

Priority

- US 201715791603 A 20171024
- US 2018056812 W 20181020

Abstract (en)
[origin: US2019123935A1] In accordance with various implementations, a method is performed at a gateway with one or more processors, non-transitory memory, and a data interface. The method includes: obtaining a request to instantiate a tunnel for data from a guest service provider (GSP) to a user device that traverses an operator network; determining whether the request satisfies tunneling criteria, where the tunneling criteria at least includes a first criterion associated with intrinsic information associated with the operator network and a second criterion associated with extrinsic information that characterizes network resources of the network operator based on a relationship between the operator network and the GSP; instantiating the tunnel in response to determining that the request satisfies the tunneling criteria, where instantiating the tunnel includes the gateway transmitting tunnel instructions to other nodes of the operator network; and routing the data through the tunnel to transmit the data to the user device.

IPC 8 full level
H04L 12/24 (2006.01); **H04L 12/26** (2006.01)

CPC (source: EP US)
H04L 12/4633 (2013.01 - US); **H04L 41/0893** (2013.01 - US); **H04L 41/0896** (2013.01 - US); **H04L 41/5051** (2013.01 - EP US); **H04L 43/08** (2013.01 - US); **H04L 41/0894** (2022.05 - EP); **H04L 41/5019** (2013.01 - EP US); **H04W 84/042** (2013.01 - US); **H04W 88/16** (2013.01 - US)

Citation (search report)
See references of WO 2019083861A1

Designated contracting state (EPC)
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BA ME

DOCDB simple family (publication)
US 10673649 B2 20200602; **US 2019123935 A1 20190425**; EP 3701677 A1 20200902; EP 3701677 B1 20230607; EP 4243363 A2 20230913; EP 4243363 A3 20231108; US 10673651 B2 20200602; US 2019165970 A1 20190530; WO 2019083861 A1 20190502

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US 201715791603 A 20171024; EP 18799963 A 20181020; EP 23177550 A 20181020; US 2018056812 W 20181020; US 201916263278 A 20190131